

SENCITY® Omni-M Wi-Fi Stick Antenna

1355.17.0002

Properties

- Compact Industrial antenna for Wi-Fi bands between 2300 MHz till 2500 MHz and 4800 MHz till 6100 MHz
- WLAN IEEE 802.11 a/b/g/h/p
- Gain of 6 dBi with Vertical Polarisation
- For both indoor and outdoor applications with rating IP67
- Direct Wi-Fi access point mount on male N connector



Electrical bands			
	Band 1	Band 2	Band 3
Frequency	2300 MHz ... 2500 MHz	4800 MHz ... 5150 MHz	5150 MHz ... 6100 MHz
VSWR	1.5	2	2
Impedance	50 Ω	50 Ω	50 Ω
Gain	6 dBi	5 dBi	6 dBi
HPBW vertical	20 °	12 °	12 °
HPBW horizontal	360 °	360 °	360 °
Ambient Temperature	25 °C	25 °C	25 °C
Composite Power max	30 W	30 W	30 W

Ports	
	Port 1
Connector	N, plug (male)
Polarization	vertical
DC grounded	No

Connections	
Port number	Port 1
Band 1	✓
Band 2	✓
Band 3	✓

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Mechanical data	
Weight	0.15 kg
Dimensions	250 mm x 25 mm (Height x Diameter)
Remarks	Design for direct access point mount to style N (female) connector

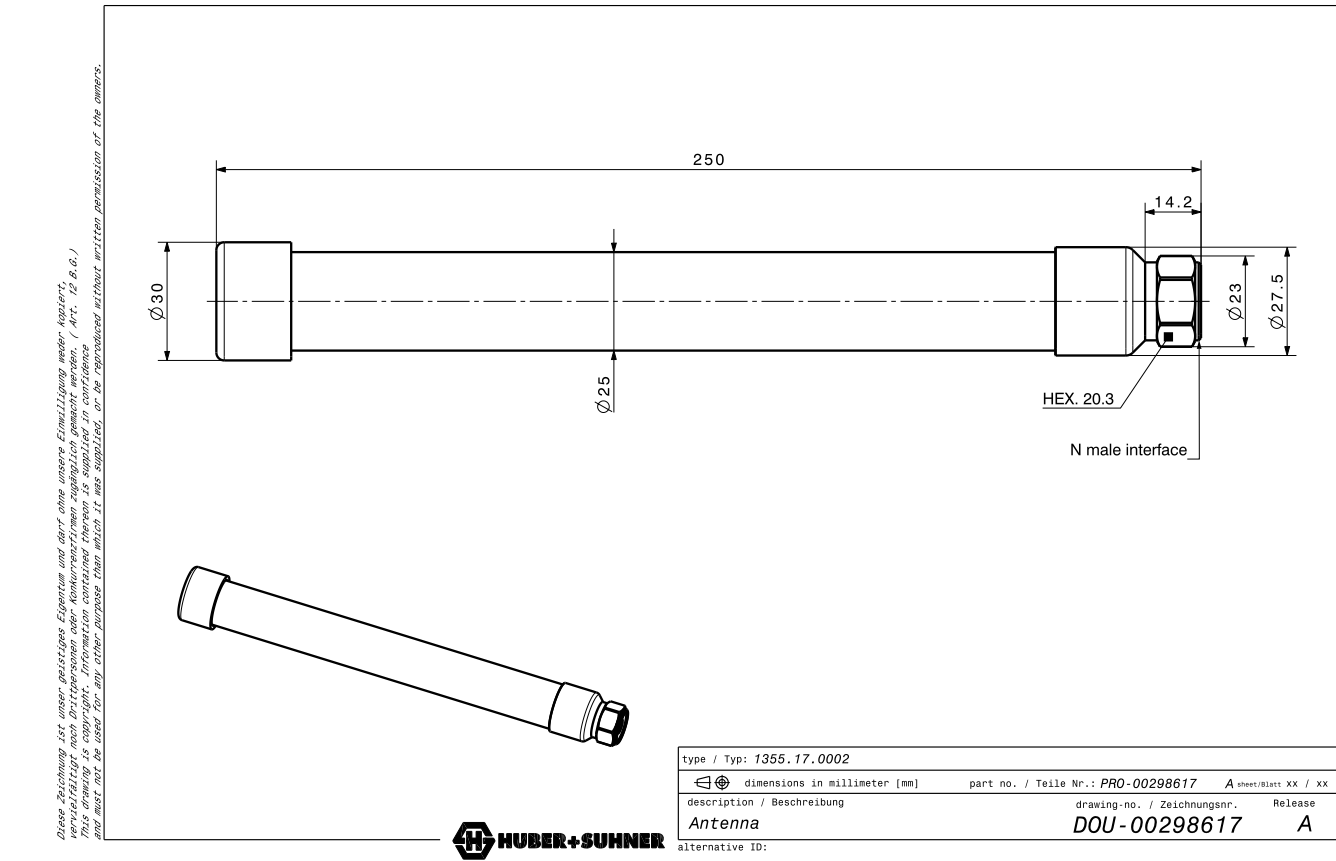
Interface and material data	
Radome material	Glass Fibre
Radome colour	RAL 9003 (signal white)

Environmental data	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-55 °C ... 85 °C
Transport temperature	-40 °C ... 85 °C
Environment (application)	Indoor/Outdoor
Ingress protection (IP Rating)	IP67
Flammability rating	UL 94-HB

Environmental remarks	
LOW TEMPERATURE: IEC 60068-2-1 72h -55°C	
HIGH TEMPERATURE: IEC 60068-2-2 72h +85°C	
HUMIDITY: ETSI EN300-2-4 T4, 1E 144h 95%	
SALT SPRAY: EN 60068-2-11 / GB-T 10125 96h	
MECHANICAL SHOCK: IEC 60721-3-4, 4M5	
VIBRATION: IEC 60721-3-4 30 min/axis random 4M5	

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Outline drawing



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